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ABSTRACT

In October 1986, the Kansas State Board of Education included basic skills education as part of the role, scope and mission statements of the state's community colleges. In 1988, a study was conducted to assess the status of postsecondary remedial/developmental education. Study findings, based on semester enrollment figures for fall 1987, included the following: (1) 42% of the remedial students had not declared programs of study; (2) remedial/developmental math courses made up 45% of the total remedial headcount enrollment and 53% of the total credit hours; (3) completion rates for remedial courses ranged, by college, from a low of 51% to a high of 93%, for a statewide average of 79%; (4) remedial enrollments comprised 3.72% of total credit hour enrollments statewide; (5) the state paid a total of $23,324,042 in credit hour aid to the colleges, including $737,678 for remedial courses; (6) minorities constituted 26.9% of the unduplicated headcount enrollment in remedial courses and an estimated 9% in all courses; (7) students over 21 years of age made up 44.46% of the total headcount in remedial courses; and (8) beginning in fall 1988, all 19 Kansas community colleges offered remedial/developmental courses. The bulk of the report consists of tables showing fall 1987 data by college. A table showing remedial/developmental courses by college for the spring 1985-spring 1988 period is also provided. (AYC)

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REMEDIAL/DEVELOPMENTAL EDUCATION IN KANSAS COMMUNITY COLLEGES SUMMER 1987 - SPRING 1988

A REPORT ISSUED
TO

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Remedial/Developmental Education
In Kansas Public Community Colleges

Fact Sheet

- All nineteen Kansas public community colleges have a minimum of eighteen credit hours in approved remedial/developmental courses.
- Forty-two percent of those enrolled in remedial/developmental courses have not declared a program of study.
- Most credit hour enrollments in remedial/developmental courses are in remedial/developmental math courses.
- Statewide, 79% of students enrolled in remedial/developmental courses complete those courses, as compared to a national average of 68%.
- Statewide, 3.72% of the total credit hour enrollments in FY 1988 were in remedial/developmental courses.
- State credit hour aid paid for remedial/developmental courses in FY 1988 was 3.16% of total state credit hour aid.
- Minorities constituted 26.9% of the unduplicated headcount enrollments in remedial/developmental courses in Fall 1987.
- Women constituted 42.6% of the unduplicated headcount enrollments in remedial/developmental courses in Fall 1987.
- Although 55% of remedial/developmental unduplicated headcount enrollments were of the traditional 18 to 21 year-old college students, 44% of the headcount was made up of students 22 years-old and older.

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Technology touches every aspect of American society, from work to leisure and entertainment. One's ability to function in society is increasingly influenced by one's technological competence. As requirements for technological competencies become more evident, basic skills become even more essential.

Remedial/developmental education courses are the means of providing underprepared students with the basic reading, writing, and computational skills necessary to develop the higher order skills needed for survival in a changing and highly technical society. Nationally 82% of all institutions of higher education offer one or more remedial/developmental courses. Community colleges have responded most readily to the need for remedial/developmental education and have adopted the delivery of such education as a major mission.

In recognition of the need for basic skills education, the Kansas State Board of Education included such education as a part of the role, scope and mission statements for community colleges approved in October 1986. One of the mission statements acknowledges the necessity for community colleges to provide, "Instruction in basic and remedial skills to prepare students for the college's academic and vocational-technical programs and to become productive citizens."

Studies by various Kansas state agencies conducted in the 1980's, including one by the Department of Education's

Division of Vocational Education and Community Colleges completed in 1986, indicated a need for a statewide definition of remedial/developmental education and the adoption of policy to guide the implementation of the courses. After studying the matter, the State Board of Education adopted the following remedial/developmental education policy and definition:

Remedial/developmental education includes all courses in developmental programs for all fields of study designed to meet the needs of the educationally disadvantaged students. Developmental education programs shall consist of a group of interdependent activities and special types of educational experiences designed to meet the specific academic and personal needs of educationally disadvantaged students whose need for such programs result from poverty, neglect, delinquency, curriculum deficiencies, cultural attitudes, or cultural or linguistic isolation from the community at large. A developmental education program must include attention to subject matter remediation, development of competencies, and change of attitudes. It is addressed to increasing the likelihood of success at the entry level of any certificate or degree program.

1. To meet the remedial/developmental needs of its students each community college may offer courses defined herein. The colleges may offer for variable credit courses in remedial/developmental reading, mathematics, and English. Students may

enroll for a maximum of six semester credit hours in each subject content area.

2. The definition contained herein shall be used when reporting information, gathering data or structuring learning activities for remedial/developmental education.

3. State credit hour aid shall not be paid to any community college for any student enrolled in more than six semester credit hours of remedial/developmental education instruction in any one content area.

4. Remedial/developmental education course credits earned shall not be used to fulfill graduation requirements for any community college program of instruction.

5. The State Department of Education shall be responsible for classifying courses as remedial/developmental education.

6. The State Department of Education shall review and report to the State Board of Education, in each of the first three years and at least once every three years thereafter, the practices, policies and regulations concerning remedial/developmental education.

7. The effective date of this policy is August 1, 1987.

This report presents an update on the status of remedial/developmental education in the community colleges of Kansas. Headcount enrollments are based on semester enrollment figures for Fall 1987. A summary of the data follows:

- Enrollment figures indicate that 42% of students enrolled in remedial/developmental courses have not declared programs of study.

- Remedial/developmental math courses have the highest headcount and credit hour enrollments with 45% of the total remedial/developmental headcount, and 53% of the total remedial/developmental credit hours.

- Remedial/developmental credit hour enrollments show a 79% increase over enrollments in the FY 1985 study, from 15,691 hours to 28,102 hours.[1]

- The highest credit hour enrollments for a community college for the period of this study is 10,098, the lowest number (excluding Allen County CC which began its courses in Spring 1988 semester) of credit hour enrollments is 110 hours.

- Completion rates for remedial/developmental courses range from a low of 51% to a high of 93% for a statewide average completion rate of 79%. This compares favorably to a

national average completion rate of 68%.

- Statewide, remedial/developmental enrollment rates, as a percentage of total enrollments, range from a low of .29% to a high of 6.9% for an average of 3.72% of total credit hour enrollments.

- State credit hour aid paid to community colleges for remedial/developmental courses for the reporting period was $737,678 which is 3.16% of the $23,324,042 in total state credit hour aid paid in the same reporting period to the community colleges. In FY 1985 2.25% of the $17,399,213 in state credit hour aid was paid for remedial/developmental courses.[1]

- State credit hour aid paid for remedial/developmental courses in this reporting period (coinciding with FY 1988) at $737,681 [The slight difference in total state aid from Table V and Table VI is due to rounding.] is an increase of 88% over the $392,275 paid in FY 1985. However, remedial/developmental credit hour enrollments increased 79%, and the level of funding was raised in the intervening period from $25/credit hour to $26.25/credit hour.[1]

- Minorities constitute 26.9% of the unduplicated headcount enrollment in remedial/developmental courses in Fall 1987.

Although total enrollments for Fall 1987 are not available at this time, total minority enrollments in all courses in Fall 1986 was 9.2%, and Fall 1987 figures should be similar; therefore, one may assume that the percentage of minority remedial/developmental course enrollments is significantly greater than the percentage of total minority course enrollments.

- Older, (22 years-old and older) students comprise 44.46% of total headcount enrollments in remedial/developmental courses.

- Commencing with the Fall 1988 semester all nineteen community colleges offer remedial/developmental courses, approved by the Kansas Department of Education, which comply with the policies adopted by the State Board of Education effective August 1, 1987.

[1]It should be noted that any comparisons with remedial/developmental education in FY 1985 may be misleading. Statistics for FY 1985 reflect data collected before a standardized definition of remedial/developmental courses was established.

Summary of Data
Reported in Tables I - XI

The data in Tables I, II, IV, VII, VIII, IX, and X were reported in the Kansas Community College Annual Data Report. Credit hour enrollment data for summer 1987 - spring 1988 were obtained through a telephone survey of community college registrars conducted September 9, 1988. Total credit hour enrollment was provided by the Kansas Department of Education's LEA Finance office. Data for 1985 was obtained from the KSDE report, Remedial/Developmental Programs in Kansas Institutions of Higher Education: FY 1985.

Table I — The total (unduplicated) number of students enrolled in remedial/developmental courses are classified according to their declared majors. Note that 42% (1,967 of 4,694) of students enrolled in remedial/developmental courses have not declared a major. Data are for Fall 1987.

Table II — This table uses a duplicated, Fall 1987 headcount enrollment because some students are enrolled in two or three remedial/developmental courses simultaneously. Math and English remedial/developmental courses have the highest enrollments with 45% and 35% respectively.

Table III — The credit hour enrollment data is from the Summer and Fall 1987 semesters, and the Spring 1988 semester. Total credit hour enrollment in remedial/developmental math courses constitutes 53% of all remedial developmental enrollments for the year.

Table IV — This table uses Fall 1987 enrollment figures. The data reports the completion rates for those enrolled in remedial/developmental courses. System wide, 79% of those enrolling in remedial/developmental courses complete them.

Table V — PERCENT 1 reports the percent of total credit hour enrollments that are remedial/developmental. PERCENT 2 reports the percent of total state credit hour aid that is generated by remedial/developmental credit hour enrollments.

Table VI — This gives a comparative look at remedial/developmental credit hour enrollments and state aid as reported in a similar study conducted in FY 1985. [Note: Since the 1985 data was compiled before the adoption of a definition for remedial/-developmental education, exact comparisons of 1985 and 1988 data are inexact].

Table VII — In this table Fall 1987 headcount enrollments (unduplicated) are classified by sex and ethnicity. Although white males and white females constitute the two largest categories of remedial/developmental enrollments, minorities comprise 26.9% of the total.

Table VIII — Unduplicated Fall 1987 headcount of females enrolled in remedial/developmental courses, classified by age groups.

Table IX — Unduplicated Fall 1987 headcount of males enrolled is remedial/developmental courses, classified by age groups.

Table X — Unduplicated Fall 1987 headcount enrollments of all students in remedial/developmental courses classified by age groups. Students 22 years-old and older constitute 44.46% of total remedial/developmental enrollments.

Table XI — A comparative listing of remedial/developmental courses by institution as reported in FY 1985 and as they appear in the 1988 Master Course List.

TABLE I

KANSAS COMMUNITY COLLEGES
REMEDIAL/DEVELOPMENTAL HEADCOUNT ENROLLMENT
BY PROGRAM
FALL, 1987 (unduplicated)

	UNIVERSITY TRANSFER	OCCUPATIONAL	UNDECLARED	SUB-TOTAL
ALLEN COUNTY CC*	0	0	0	0
BARTON COUNTY CC	136	82	739	957
BUTLER COUNTY CC		NOT AVAILABLE		
CLOUD COUNTY CC	28	54	21	103
COFFEYVILLE CC	144	26	2	172
COLBY CC	67	42	33	142
COWLEY COUNTY CC	83	38	89	210
DODGE CITY CC	115	39	49	203
FORT SCOTT CC	167	184	0	351
GARDEN CITY CC	63	22	21	106
HIGHLAND CC	12	49	50	111
HUTCHINSON CC	154	36	87	277
INDEPENDENCE CC	11	42	65	118
JOHNSON COUNTY CC	388	272	514	1,174
KANSAS CITY KS CC	65	232	231	528
LABETTE CC	23	26	39	88
NEOSHO COUNTY CC	15	30	12	57
PRATT CC	18	4	0	22
SEWARD COUNTY CC	42	23	10	75
TOTAL	1,531	1,201	1,962	4,694

*Courses began in Spring, 1988

TABLE II

KANSAS COMMUNITY COLLEGES
REMEDIAL/DEVELOPMENTAL HEADCOUNT ENROLLMENT
BY SUBJECT
FALL, 1987 (duplicated)

	R & D MATH	R & D ENGLISH	R & D READING	SUB-TOTAL
ALLEN COUNTY CC*	0	0	0	0
BARTON COUNTY CC	332	659	228	1,219
BUTLER COUNTY CC	336	250	74	660
CLOUD COUNTY CC	11	82	15	108
COFFEYVILLE CC	119	58	41	218
COLBY CC	61	65	64	190
COWLEY COUNTY CC	156	51	57	264
DODGE CITY CC	149	71	55	275
FORT SCOTT CC	274	73	26	373
GARDEN CITY CC	39	54	12	105
HIGHLAND CC	69	31	9	109
HUTCHINSON CC	225	44	33	302
INDEPENDENCE CC	45	41	48	134
JOHNSON COUNTY CC	830	616	668	2,114
KANSAS CITY KS CC	382	278	48	708
LABETTE CC	18	66	8	92
NEOSHO COUNTY CC	45	15	12	72
PRATT CC	10	8	7	25
SEWARD COUNTY CC	58	26	25	109
Total Headcount	3,159	2,488	1,430	7,077

*Courses began in Spring, 1988

TABLE III

KANSAS COMMUNITY COLLEGES
REMEDIAL/DEVELOPMENTAL CREDIT HOUR ENROLLMENT
SUMMER, 1987 - SPRING, 1988

	R/D ENGLISH	R/D READING	R/D MATH	SUB-TOTAL
ALLEN COUNTY CC	18	18	18	54
BARTON COUNTY CC	1,530	1,096	1,402	4,028
BUTLER COUNTY CC	434	130	660	1,224
CLOUD COUNTY CC	97	29	196	322
COFFEYVILLE CC	466	125	633	1,224
COLBY CC	204	185	142	531
COWLEY COUNTY CC	165	129	888	1,182
DODGE CITY CC	219	198	780	1,197
FORT SCOTT CC	134	36	576	746
GARDEN CITY CC	255	105	162	522
HIGHLAND CC	37	51	201	289
HUTCHINSON CC	132	44	1,182	1,358
INDEPENDENCE CC	114	77	189	380
JOHNSON COUNTY CC	5,304	0	4,794	10,098
KANSAS CITY KS CC	1,011	216	2,222	3,449
LABETTE CC	153	17	427	597
NEOSHO COUNTY CC	69	28	127	224
PRATT CC	42	14	54	110
SEWARD COUNTY CC	192	75	300	567
TOTAL	10,576	2,573	14,953	28,102

TABLE IV

KANSAS COMMUNITY COLLEGES
REMEDIAL/DEVELOPMENTAL COMPLETIONS
FALL, 1987

	TOTAL ENROLLED	TOTAL COMPLETING	SUB-TOTAL
ALLEN COUNTY CC*	0	0	
BARTON COUNTY CC	957	825	86%
BUTLER COUNTY CC	660	535	81%
CLOUD COUNTY CC	103	81	79%
COFFEYVILLE CC	316	229	72%
COLBY CC	142	99	70%
COWLEY COUNTY CC	210	145	69%
DODGE CITY CC	203	173	85%
FORT SCOTT CC	373	331	89%
GARDEN CITY CC	105	68	65%
HIGHLAND CC	109	101	93%
HUTCHINSON CC	277	196	71%
INDEPENDENCE CC	118	104	88%
JOHNSON COUNTY CC	NOT AVAILABLE		
KANSAS CITY KS CC	528	400	76%
LABETTE CC	51	26	51%
NEOSHO COUNTY CC	57	37	65%
PRATT CC	25	15	60%
SEWARD COUNTY CC	75	54	72%
TOTAL	4,309	3,419	79%

*Courses began in Spring, 1988

TABLE V

KANSAS COMMUNITY COLLEGES
REMEDIAL/DEVELOPMENTAL
ENROLLMENT/FUNDING COMPARISONS
SUMMER, 1987 - SPRING, 1988

	R/D CREDIT HOUR ENROLLMENTS	TOTAL CREDIT HOURS	PERCENT 1	R/D STATE AID	TOTAL STATE AID	PERCENT 2
ALLEN COUNTY CC*	54	18,676	0.29%	1,418	553,901	0.26%
BARTON COUNTY CC	4,028	64,631	6.23%	105,735	2,037,958	5.19%
BUTLER COUNTY CC	1,224	59,897	2.04%	32,130	1,791,549	1.79%
CLOUD COUNTY CC	322	29,711	1.08%	8,453	907,318	0.93%
COFFEYVILLE CC	1,224	24,114	5.08%	32,130	697,830	4.60%
COLBY CC	531	27,233	1.95%	13,939	804,418	1.73%
COWLEY COUNTY CC	1,182	26,936	4.39%	31,028	1,032,990	3.00%
DODGE CITY CC	1,197	32,615	3.67%	31,421	967,614	3.25%
FORT SCOTT CC	746	28,398	2.63%	19,583	926,336	2.11%
GARDEN CITY CC	522	29,162	1.79%	13,703	860,724	1.59%
HIGHLAND CC	289	22,652	1.28%	7,586	653,441	1.16%
HUTCHINSON CC	1,358	56,123	2.42%	35,648	1,678,609	2.12%
INDEPENDENCE CC	380	21,035	1.81%	9,975	620,222	1.61%
JOHNSON COUNTY CC	10,098	146,419	6.90%	265,073	4,503,503	5.89%
KANSAS CITY KS CC	3,449	65,675	5.25%	90,536	2,025,975	4.47%
LABETTE CC	597	46,341	1.29%	15,671	1,423,459	1.10%
NEOSHO COUNTY CC	224	17,989	1.25%	5,880	566,514	1.04%
PRATT CC	110	21,352	0.52%	2,888	760,882	0.38%
SEWARD COUNTY CC	567	17,198	3.30%	14,884	510,799	2.91%
TOTAL	28,102	756,156	3.72%	737,678	23,324,042	3.16%

* Courses began in Spring, 1988

TABLE VI

KANSAS COMMUNITY COLLEGES
R/D CREDIT HOUR COST COMPARISONS
FY 1985/1988

	FY 1985 R/D CREDIT HOUR ENROLLMENTS	FY 1988 R/D CREDIT HOUR ENROLLMENTS	PERCENT INCREASE/ DECREASE	FY 1985 R/D STATE AID ($25/HR)	FY 1988 R/D STATE AID ($26.25/HR)	PERCENT INCREASE/ DECREASE
ALLEN COUNTY CC	39	54	38%	975	1,418	45%
BARTON COUNTY CC	540	4,028	646%	13,500	105,735	683%
BUTLER COUNTY CC	1,575	1,224	-22%	39,375	32,130	-18%
CLOUD COUNTY CC	547	322	-41%	13,675	8,453	-38%
COFFEYVILLE CC	973	1,224	26%	24,325	32,130	32%
COLBY CC	387	531	37%	9,675	13,939	44%
COWLEY COUNTY CC	431	1,182	174%	10,775	31,028	188%
DODGE CITY CC	34	1,197	3421%	850	31,421	3597%
FORT SCOTT CC	390	746	91%	9,750	19,583	101%
GARDEN CITY CC	225	522	132%	5,625	13,703	144%
HIGHLAND CC	57	289	407%	1,425	7,586	432%
HUTCHINSON CC	1,130	1,358	20%	28,250	35,648	26%
INDEPENDENCE CC	803	380	-53%	20,075	9,975	-50%
JOHNSON COUNTY CC	6,621	10,098	53%	165,525	265,073	60%
KANSAS CITY KS CC	1,241	3,449	178%	31,025	90,536	192%
LABETTE CC	328	597	82%	8,200	15,671	91%
NEOSHO COUNTY CC	119	224	88%	2,975	5,880	98%
PRATT CC	147	110	-25%	3,675	2,888	-21%
SEWARD COUNTY CC	104	567	445%	2,600	14,884	472%
TOTAL	15,691	28,102	79%	392,275	737,681	88%

TABLE VII

KANSAS COMMUNITY COLLEGES
REMEDIAL/DEVELOPMENTAL HEADCOUNT ENROLLMENT
BY ETHNICITY
FALL, 1987 (unduplicated)

	MALE		FEMALE		TOTAL		
	WHITE (Not Hisp.)	OTHER	WHITE (Not Hisp.)	OTHER	WHITE (Not Hisp.)	OTHER	TOTAL
ALLEN COUNTY CC*	0	0	0	0	0	0	0
BARTON COUNTY CC	347	374	167	69	514	443	957
BUTLER COUNTY CC	NOT AVAILABLE						
CLOUD COUNTY CC	23	9	70	1	93	10	103
COFFEYVILLE CC	62	31	56	23	118	54	172
COLBY CC	63	5	74	0	137	5	142
COWLEY COUNTY CC	73	30	100	7	173	37	210
DODGE CITY CC	89	40	67	7	156	47	203
FORT SCOTT CC	215	50	82	4	297	54	351
GARDEN CITY CC	32	33	23	18	55	51	106
HIGHLAND CC	57	23	24	7	81	30	111
HUTCHINSON CC	122	31	111	13	233	44	277
INDEPENDENCE CC	21	51	26	20	47	71	118
JOHNSON COUNTY CC	504	77	521	72	1,025	149	1174
KANSAS CITY KS CC	117	104	194	113	311	217	528
LABETTE CC	36	5	35	12	71	17	88
NEOSHO COUNTY CC	15	5	34	3	49	8	57
PRATT CC	10	4	8	0	18	4	22
SEWARD COUNTY CC	21	13	30	11	51	24	75
TOTAL	1,807	885	1,622	380	3,429	1,265	4694

*Courses began in Spring, 1988

TABLE VIII

KANSAS COMMUNITY COLLEGES
REMEDIAL/DEVELOPMENTAL HEADCOUNT ENROLLMENT
FEMALES BY AGE
FALL, 1987 (unduplicated)

	Under 18	18-19	20-21	22-24	25-29	30-34	35-39	40-49	50-64	65/Over	Unreported	TOTAL
ALLEN COUNTY CC*	0	0	0	0	0	0	0	0	0	0	0	0
BARTON COUNTY CC	0	77	35	25	47	23	12	16	1	0	0	236
BUTLER COUNTY CC					NOT AVAILABLE							0
CLOUD COUNTY CC	0	43	9	4	6	4	1	4	0	0	0	71
COFFEYVILLE CC	0	19	9	9	13	9	7	11	2	0	0	79
COLBY CC	0	37	5	4	8	8	7	3	1	0	1	74
COWLEY COUNTY CC	0	36	3	11	13	15	15	11	1	2	0	107
DODGE CITY CC	0	47	9	4	6	2	2	4	0	0	0	74
FORT SCOTT CC	0	24	14	12	8	7	8	12	1	0	0	86
GARDEN CITY CC	2	18	9	6	3	3	0	0	0	0	0	41
HIGHLAND CC	2	22	3	0	3	1	0	0	0	0	0	31
HUTCHINSON CC	3	63	9	3	20	8	8	6	0	2	2	124
INDEPENDENCE CC	0	14	7	5	5	5	3	6	1	0	0	46
JOHNSON COUNTY CC	3	254	69	58	54	58	37	34	12	0	14	593
KANSAS CITY KS CC	1	147	26	14	30	25	32	21	6	0	5	307
LABETTE CC	0	10	6	4	9	12	0	0	0	0	6	47
NEOSHO COUNTY CC	0	4	5	4	5	6	6	5	2	0	0	37
PRATT CC	0	1	1	2	2	0	1	1	0	0	0	8
SEWARD COUNTY CC	1	8	9	4	5	9	2	2	1	0	0	41
TOTAL	12	824	228	169	237	195	141	136	28	4	28	2,002

*Courses began in Spring, 1988

TABLE IX

KANSAS COMMUNITY COLLEGES
REMEDIAL/DEVELOPMENTAL HEADCOUNT ENROLLMENT
MALES BY AGE
FALL, 1987 (unduplicated)

	Under 18	18-19	20-21	22-24	25-29	30-34	35-39	40-49	50-64	65/Over	Unreported	TOTAL
ALLEN COUNTY CC*	0	0	0	0	0	0	0	0	0	0	0	0
BARTON COUNTY CC	1	98	169	211	150	60	14	13	5	0	0	721
BUTLER COUNTY CC	NOT AVAILABLE											
CLOUD COUNTY CC	0	24	0	2	2	2	2	0	0	0	0	32
COFFEYVILLE CC	0	35	16	6	8	9	8	9	2	0	0	93
COLBY CC	0	48	6	7	4	0	2	0	0	0	1	68
CONLEY COUNTY CC	0	37	26	11	8	10	3	5	3	0	0	103
DODGE CITY CC	0	91	15	11	8	3	1	0	0	0	0	129
FORT SCOTT CC	10	64	30	23	48	34	25	23	8	0	0	265
GARDEN CITY CC	0	35	18	6	2	3	1	0	0	0	0	65
HIGHLAND CC	6	65	5	1	2	1	0	0	0	0	0	80
HUTCHINSON CC	0	74	26	11	10	10	5	1	2	6	8	153
INDEPENDENCE CC	0	35	20	8	3	3	1	0	2	0	0	72
JOHNSON COUNTY CC	6	271	108	61	65	33	12	12	1	0	12	581
KANSAS CITY KS CC	0	109	28	19	26	17	6	11	0	0	5	221
LABETTE CC	0	21	8	3	7	2	0	0	0	0	0	41
NEOSHO COUNTY CC	0	2	6	3	2	5	2	0	0	0	0	20
PRATT CC	0	5	6	2	1	0	0	0	0	0	0	14
SEWARD COUNTY CC	0	13	6	3	3	2	5	1	1	0	0	34
TOTAL	23	1,027	493	388	349	194	87	75	24	6	26	2,692

*Courses began in Spring, 1988

TABLE X

KANSAS COMMUNITY COLLEGES
REMEDIAL/DEVELOPMENTAL HEADCOUNT ENROLLMENT
ALL STUDENTS BY AGE
FALL, 1987 (unduplicated)

	Under 18	18-19	20-21	22-24	25-29	30-34	35-39	40-49	50-64	65/Over	Unreported	TOTAL
ALLEN COUNTY CC*	0	0	0	0	0	0	0	0	0	0	0	0
BARTON COUNTY CC	1	175	204	236	197	83	26	29	6	0	0	957
BUTLER COUNTY CC					NOT AVAIABLE							
CLOUD COUNTY CC	0	67	9	6	8	6	3	4	0	0	0	103
COFFEYVILLE CC	0	54	25	15	21	18	15	20	4	0	0	172
COLBY CC	0	85	11	11	12	8	9	3	1	0	2	142
COWLEY COUNTY CC	0	73	29	22	21	25	18	16	4	2	0	210
DODGE CITY CC	0	138	24	15	14	5	3	4	0	0	0	203
FORT SCOTT CC	10	88	44	35	56	41	33	35	9	0	0	351
GARDEN CITY CC	2	53	27	12	5	6	1	0	0	0	0	106
HIGHLAND CC	8	87	8	1	5	2	0	0	0	0	0	111
HUTCHINSON CC	3	137	35	14	30	18	13	7	2	8	10	277
INDEPENDENCE CC	0	49	27	13	8	8	4	6	3	0	0	118
JOHNSON COUNTY CC	9	525	177	119	119	91	49	46	13	0	26	1,174
KANSAS CITY KS CC	1	256	54	33	56	42	38	32	6	0	10	528
LABETTE CC	0	31	14	7	16	14	0	0	0	0	6	88
NEOSHO COUNTY CC	0	6	11	7	7	11	8	5	2	0	0	57
PRATT CC	0	6	7	4	3	0	1	1	0	0	0	22
SEWARD COUNTY CC	1	21	15	7	8	11	7	3	2	0	0	75
TOTAL	35	1,851	721	557	586	389	228	211	52	10	54	4,694
PERCENT OF TOTAL	0.75%	39.43%	15.36%	11.87%	12.48%	8.29%	4.86%	4.50%	1.11%	0.21%	1.15%	100.00%

*Courses began in Spring, 1988

TABLE XI

KANSAS COMMUNITY COLLEGES
REMEDIAL/DEVELOPMENTAL COURSE LISTS
SPRING, 1985 - SPRING, 1988

INSTITUTION	1985 SUBJECT	HOURS	1988 SUBJECT	HOURS
ALLEN COUNTY CC	Fundamentals of Algebra	1	Beginning Algebra	1-3
			Beginning Mathematics	1-3
			Beginning Reading	3
			Beginning English	3
			Intermediate English	3
			Intermediate Reading	3
BARTON COUNTY CC	Speed Reading	1	Basic Algebra	3
	Reading Improvement	3	College Reading Skills	1
	Spelling Improvement	1	Developmental English Skills	2
	Developmental English Skills	3	Elements of Algebra	1
	Developmental Writing Skills	1	English Study Skills	1
	English As A Second Language	2	Introductory Writing Skills	3
	Fundamentals of Math	3	Preparatory Mathematics	2
	Basic Algebra	3	Reading Comprehension	2
	College Arithmetic	1	Reading Improvement	3
	Reading Improvement	1	Speed Reading	1-2
			Spelling Improvements	1-2
BUTLER COUNTY CC	Basic Manual Communications	2	Basic Arithmetic	1
	Study Skills	1	Fractions and Decimals	1
	English Grammar Review	1	Fundamentals of Algebra	3
	Spelling Improvement I and II	1	Fundamentals of English	3
	Vocabulary Development I & II	1	Measurement	1
	Writing Skills I & II	1	Reading I	1
	Basic Arithmetic	1	Reading II	1
	Reading Skills I & II	1	Spelling I	1
	Measurement	1	Vocabulary I	1
	Common and Decimal Fractions	1	Writing I	1
	Fundamentals of English	3		
	Fundamentals of Geometry	2		
	Fundamentals of Algebra	3		
CLOUD COUNTY CC	English Composition	3	Reading I	1
	Reading	1	Reading IA	1
	Vocabulary	1	Reading II	1
	Grammar	1	Reading IIA	1
	Introductory Math	3	Vocabulary	1
	Intermediate Algebra	3	Spelling	1
			Basic Applied Math	1
			Pre-Algebra	1
			Elementary Algebra	3
			Grammar	1
			Writing Skills	2
			Transitional English	3

INSTITUTION	1985 SUBJECT	HOURS	1988 SUBJECT	HOURS
COFFEYVILLE CC	Basic Writing Workshop	1	Basic Grammar Review	1
	English Improvement for Foreign Students	3	Composition Skills	1
	Reading Skills I	2	Elements of Mathematics	3
	Written Communications 100	3	Individualized Reading	2
	Elements of Math	3	Introductory Algebra	3
	Introductory Algebra	3	College Study Skills	3
	Intermediate Algebra	3	Spelling Skills	1
			Vocabulary Skills	1
			Written Communications	3
COLBY CC	Learning Skills	3	Basic Algebra	1-3
	Fundamentals of Writing	3	Fundamentals of Writing	3
	Reading and Study Skills	3	Mathematics Essentials	1-3
	Speed Reading	3	Reading Study Skills I	1-3
	Writing Lab	3	Reading Study Skills II	1-3
			Spelling Improvement	1
			Writing Laboratory	1-2
COWLEY COUNTY CC	College Reading Skills	1	Advanced Rapid Reading	1
	College Math	3	Beginning Algebra	1-3
			College Reading Skills	1-3
			College Mathematics	1-3
			English	3
			Individualized Developmental Writing	2
			Rapid Reading	1
DODGE CITY CC	College Reading	2	Elementary Algebra	3
	Preparatory English Composition	3	Reading Improvement I	3
	Basic Applied Math	3	Reading Improvement II	3
FORT SCOTT CC	Developmental Reading	2	Computational Skills	1-3
	Math Skills	3	English Fundamentals	2
	Study Skills	1	English Skills	1-3
	Writing Skills	1.5	Grammar Skills	1
			Learning Strategies	1-2
			Math Skills	1-3
			Reading Skills	1-3
			Study Skills	1-3
			Vocabulary	1
			Writing Skills	1-3
GARDEN CITY CC	Phonics, Spelling, and Pronunciation	1	Basic English	3
	Expanding Vocabulary	1	Beginning Algebra	3
	Speed Reading and Comprehension	1	Expand Your Vocabulary	1
	Basic English	3	Phonics, Spelling, and Pronunciation	1
			Reading Improvement	3
			Speed Reading and Comprehension	1

INSTITUTION	1985 SUBJECT	HOURS	1988 SUBJECT	HOURS
HIGHLAND CC	Developmental Reading I & II	3	Applied Algebra	1
			Applied Trigonometry	1
			Basid Arithmetic	1
			Developmental Reading I	1-3
			Developmental Reading II	1-3
			Fundamentals of English	3
			Fundamentals of Math	3
			Grammar Development	1
			Paraphrasing Strategy	1
			Power Spelling/Phonics	1
			Reading Comprehension	1
			Reading Proficiency Processes (Basic Skills)	1
			Reading Rate	1
			Reading Skills Improvement	1
			Research Writing	1
			Vocabulary Development	1
HUTCHINSON CC	Basic Algebra	3	Basic Algebra	3
	Basic English	3	Basic English	3
	Spelling and Punctuation Lab	2	Basic Mathematics	3
	Phonics, Spelling, and Pronunciation Lab	1	Basic Vocabulary	1
	Basic Vocabulary	1	Elements of Writing	3
	Reading Skills	1	Reading Comprehension I	2
			Reading Comprehension II	2
			Study Skills	1
INDEPENDENCE CC	Basic Grammar	2	Advanced Reading Improvement	2
	Basic Study Skills	2	Basic Grammar	2
	Reading Improvement Techniques	2	Basic Math I	2
	Reference Skills	1	Basic Math II	3
	Speed Reading Techniques	2	Basic Writing	2
	Spelling I and II	1	Reading Improvement Techniques	2
	Vocabulary I and II	1	Spelling I	1
	Basic Math I and II	3	Spelling II	1
	Basic Writing	3	Vocabulary I	1
			Vocabulary II	1
JOHNSON COUNTY CC	English As A Second Language I and II	3	College Skills Development	1-3
	Developmental Reading II	3	Fundamentals of Math	1-3
	Developmental Reading for the Hearing Impaired	2	Introduction to Algebra	3
	Individualized Study (Fashion Merchandising Study)	2	Introduction to Writing	1-3
	Reading Comprehension	1-3	Reading Skills Improvement	1-3
	Sentence Pattern Skills	1	Writing Strategies	1-3
	Spelling Improvement	1		
	Study Skills	1		
	Study Skills Mini Course	1		
	Vocabulary Development	1		
	English Grammar Review	1		
	Introduction to Writing	3		

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INSTITUTION	1985 SUBJECT	HOURS	1988 SUBJECT	HOURS
JOHNSON COUNTY CC (continued)	Basic Math Review	1		
	Algebra Preparation	1		
	Fundamentals of Math	3		
	Introduction to College Algebra	3		
	Chemistry Preparation	1		
	Reading Skills	1		
	Practical Writing	1		
	Fundamentals of English	3		
KANSAS CITY KS CC	Basic Skills	2	Basic Mathematics	1-3
	Study Skills	2	Developmental Reading	1-3
	Note Taking	1	Elementary Algebra	1-3
	Test Taking	1	English Mechanics	1-3
	Vocabulary Development	1	Pre-Composition	1-3
	Developmental Reading	3	Reading Improvement	1-3
	Arithmetic for College Students	1		
	Basic Math	3		
	Written English As A Second Language	5		
	Spoken English As A Second Language	3		
LABETTE CC	Foundations of Math	1-3	Beginning Algebra	3
	Spelling/Writing/Vocabulary Refresher	1-3	Fundamentals of English Composition	3
	Reading Improvement	3	English Grammar	2
	Vocabulary Expansion	1	Foundations of Mathematics	1-3
	Study Skills	1	Reading Improvement	1-3
	Beginning Algebra	3	Spelling/Writing/Vocabulary Refresher	1
			Study Skills	1
			Vocabulary Expansion I	1
			Vocabulary Expansion II	1
NEOSHO COUNTY CC	Reading Skills	2	Basic Math Skills	1-3
	Developmental Reading	2	Beginning Algebra	3
	Writing Skills	1-3	Practical English	1-3
	Basic Math Skills	1	Writing Skills	1-3
PRATT CC	Fundamentals of Reading	3	Basic English I	3
	Fundamentals of English	3	Basic English II	1-3
	Computation Skills	2	Computation Skills I	3
			Computation Skills II	1-3
			Reading Skills I	3
			Reading Skills II	1-3
SEWARD COUNTY CC	Developmental Reading	2	Basic Arithmetic	3
	Reading Improvement	2	Grammar Development	3
	Elementary Algebra	3	Pre-Algebra	3
			Reading Development	3
			Vocabulary Development	3
			Writing Development	3